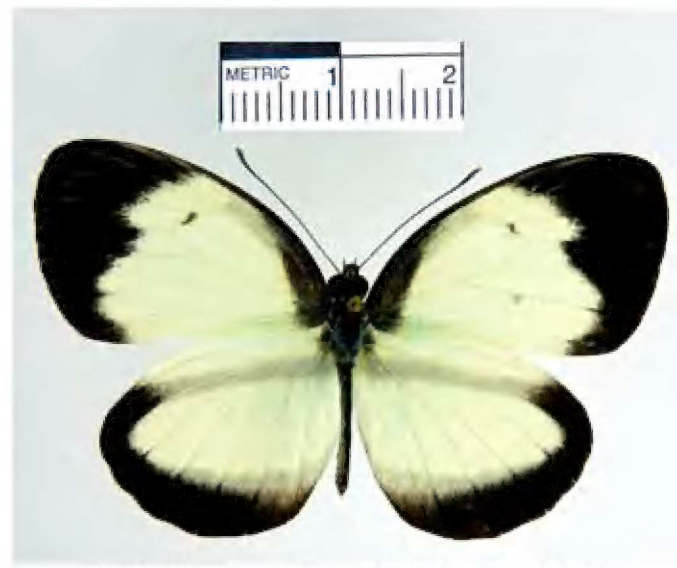
Appendix S1. Dorsal views of common butterflies species at BCI (BCI-I, BCI-II), KHC (KHC-I, KHC-II) and WAN (WAN-I, WAN-II), arranged in order of decreasing abundance. In case of sexual dimorphism male specimens are figured. Scales = 2cm (BCI), variable (cm, KHC) and 1cm (WAN). The information detailed below includes the following items (see methods for life history and morphological traits; na = data not available):
Line 1: identity.
Line 2: subfamily, total number of individuals observed (N).
Line 3: adult food resources (F=fruits, N= nectar and/or puddle)/host plant family (several = several families)/main host plant growth form (T=tree, S=shrub, E=epiphyte, L=liana, H=herb)/HS = host specificity/GD = geographic distribution/use of modified habitats (M=modified, U =unmodified; data available only for BCI).
Line 4: preference for habitat: flatland or ridge (p value of INDVAL test, tested only at KHC, F=flatland)/preference for location (p value of INDVAL test)/preference for time of day (p value of INDVAL test, followed by preferred hour)/mimicry ring (M=yes, N=no)/caterpillar ant-attended (A=yes, N=no)/main wing colour pattern (Y=yellow, O=orange, T=tiger, R=red, L=blue, C=clearwing, W=white and black, B=brown)/fore wing length (mm).

BCI - I

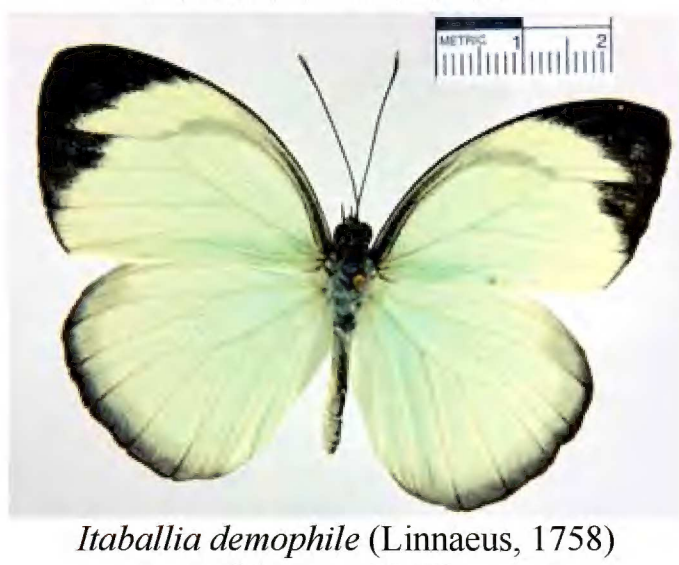
Pierella luna (Fabricius, 1793)
Satyrinae, N=210
F/Heliconiaceae/E/HS=2/GD=3/M
na/0.657/0.114/N/N/B/36.0

Detritivora hermodora (C. & R. Felder, 1861)
Riodininae, N=118
N/Dead leaves/na/HS=4/GD=3/U
na/0.011/0.077/N/N/B/12.5



Itaballia pandosa (Hewitson, 1853)
Pierinae, N=74
N/na/na/HS=na/GD=3/U
na/0.394/0.928/N/N/W/23.5

Cithaerias pireta (Stoll, 1780)
Satyrinae, N=64
F/Araceae/E/HS=3/GD=3/U
na/0.577/0.317/N/N/C/31.5



Itaballia demophile (Linnaeus, 1758)
Pierinae, N=61
N/Capparidaceae/T/HS=2/GD=4/U
na/0.127/0.244/N/N/W/27.5

Mesosemia hesperina Butler, 1874
Riodininae, N=38
N/na/na/HS=na/GD=2/U
na/0.238/0.177/N/N/L/15.8

Heliconius erato (Linnaeus, 1764)
Heliconiinae, N=29
N/Passifloraceae/L/HS=2/GD=4/M
na/0.799/0.809/M/N/R/34.0

Metacharis victrix (Hewitson, 1870)
Riodininae, N=27
N/Olacaceae/T/HS=1/GD=3/U
na/0.348/0.842/N/N/B/25.0

Pareuptychia binocula (Butler, 1869)
Satyrinae, N=22
F/na/na/HS=na/GD=3/U
na/0.899/0.429/N/N/W/20.0

BCI -II

Phanus marshallii (Kirby, 1880)
Eudaminae, N=18
N/Fabaceae/T/HS=2/GD=3/U
na/0.829/0.836/N/N/C/22.0

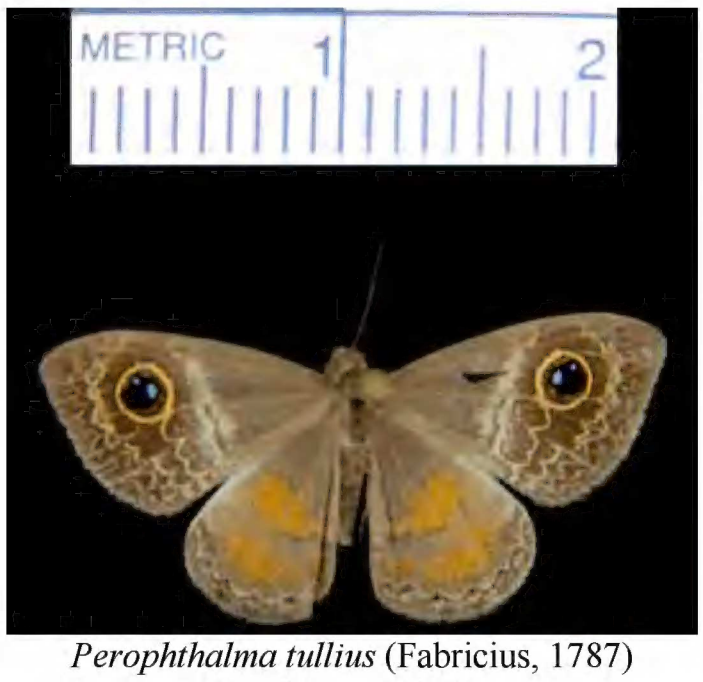
Hypoleria lavinia (Hewitson, 1855)
Danainae, N=15
N/Solanaceae/H-T/HS=2/GD=3/U
na/0.345/0.802/M/N/C/26.0

Parides erithalion smalli Brown, 1994
Papilioninae, N=15
N/Aristolochiaceae/L/HS=2/GD=2/U
na/0.976/0.798/M/N/R/40.5

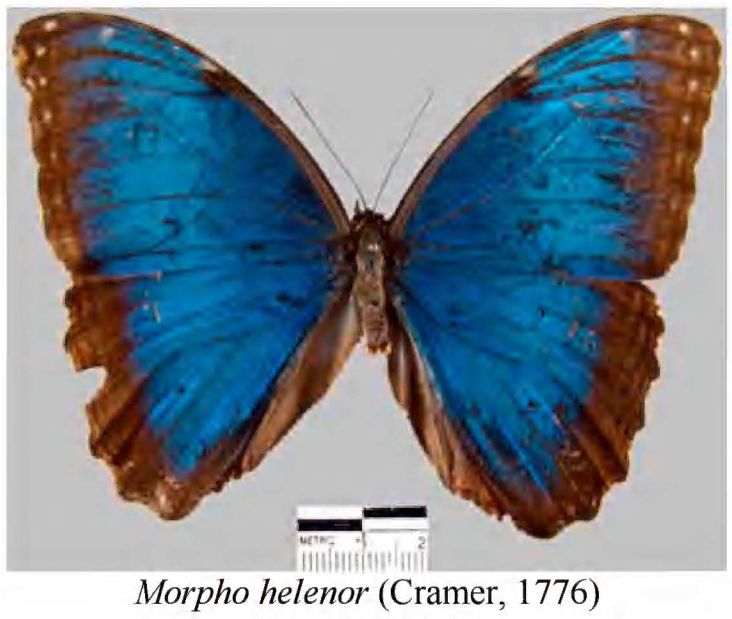
Heliconius cydno Doubleday, 1847
Heliconiinae, N=14
N/Passifloraceae/L/HS=2/GD=3/M
na/0.617/0.265/M/N/L/40.5

Parides sesostris (Cramer, 1779)
Papilioninae, N=12
N/Aristolochiaceae/L/HS=2/GD=3/U
na/0.410/0.934/M/N/R/42.0

Thargella caura (Plötz, 1882)
Hesperiinae, N=11
N/Graminae/H/HS=1/GD=4/M
na/0.958/0.862/N/na/B/12.5



Perophthalma tullius (Fabricius, 1787)
Riodininae, N=11
N/Rubiaceae/T/HS=1/GD=4/U
na/0.043/0.726/N/N/B/12.5

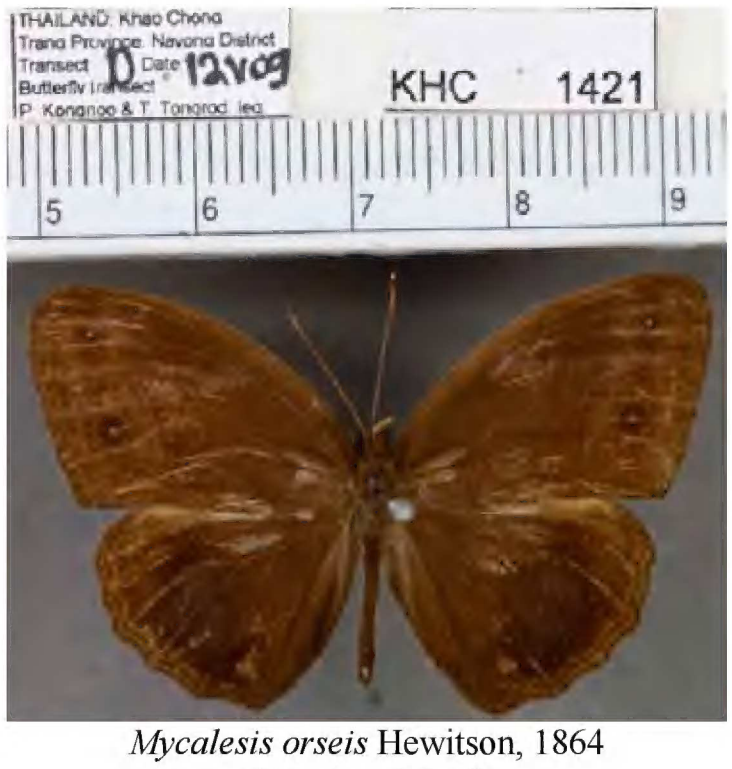


Morpho helenor (Cramer, 1776)
Satyrinae, N=11
F/Fabaceae/T/HS=3/GD=3/M
na/0.152/0.214/N/N/L/71.0

Melinaea idae C. & R. Felder, 1862
Danainae, N=10
N/Solanaceae/E/HS=2/GD=2/U
na/0.303/0.395/M/N/T/46.0

KHC-I

Faunis canens (Hubner,1826)
Satyrinae, N=24
N/Several/H-T/HS=4/GD=3/na
0.609/0.279/1.00/N/N/B/27.2



Mycalesis orseis Hewitson, 1864
Satyrinae, N=19
N/Graminae/H/HS=3/GD=3/na
0.222/0.418/0.349/N/N/B/21.2

Paralaxita telesia (Hewitson, 1861)
Riodininae, N=16
N/Myrsinaceae/T/HS=3/GD=3/na
1.00/0.799/1.00/N/A/B/19.4

Eooxylides tharis (Geyer, 1837)
Theclinae, N=12
N/Smilacaceae/L/HS=1/GD=3/na
0.224/0.376/0.297/N/A/W/14.2

Bassarona dunya (Doubleday, [1848])
Limenitidinae, N=8
N/na/na/HS=na/GD=3/na
0.686/0.350/0.840/N/N/B/41.6

Atrophaneura coon (Fabricius, 1793)
Papilioninae, N=8
N/Aristolochiaceae/L/HS=2/GD=3/na
0.047, F/0.140/0.141/M/N/W/55.0

Melanitis leda (Linnaeus,1758)
Satyrinae, N=8
F/Several/H-T/HS=4/GD=4/na
1.00/0.611/0.439/N/N/B/34.4

Taxila haquinus (Fabricius, 1793)
Riodininae, N=7
N/Myrsinaceae/T/HS=1/GD=3/na
0.454/1.00/0.696/N/A/B/21.0

Cirrochroa orissa C. & R. Felder, 1860
Heliconiinae, N=6
N/Flacourtiaceae/T/HS=1/GD=3/na
1.00/0.421/0.304/N/N/O/30.2

KHC-II

Lexias dirtea (Fabricius, 1793)
Limenitidinae, N=6
N/Several/T/HS=4/GD=3/na
0.100/0.441/0.846/N/N/L/41.0

Tanaecia julii (Lesson, 1837)
Limenitidinae, N=6
F/Sapotaceae/T/HS=3/GD=3/na
1.00/0.430/0.439/N/N/L/32.2

Allotinus strigatus Moulton, 1911
Miletinae, N=6
N/Predator/na/HS=na/GD=na/na
1.00/0.808/0.656/N/A/B/15.2

Jamides alecto (C. Felder, 1860)
Polyommatinae, N=6
N/Several/T-H-L/HS=4/GD=3/na
0.177/0.038/0.022, 9am/N/A/L/12.5

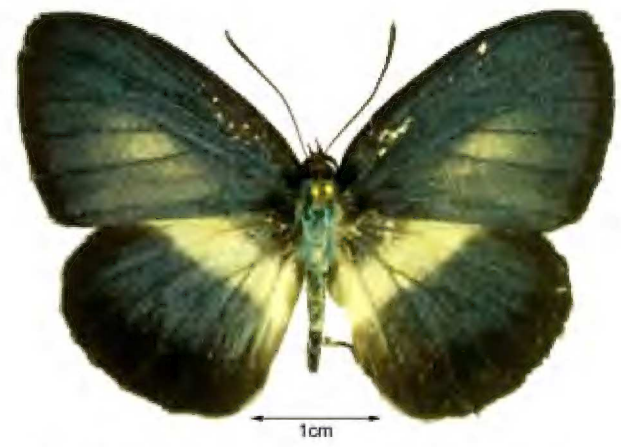
Yasoda pita (Horsfield, 1829)
Theclinae, N=6
N/Several/L/HS=4/GD=3/na
0.598/0.362/0.484/N/na/O/14.2

Melanitis phedima (Cramer, 1780)
Satyrinae, N=6
F/Graminae/H/HS=3/GD=3/na
1.00/0.608/0.690/N/N/B/33.0

WAN-I

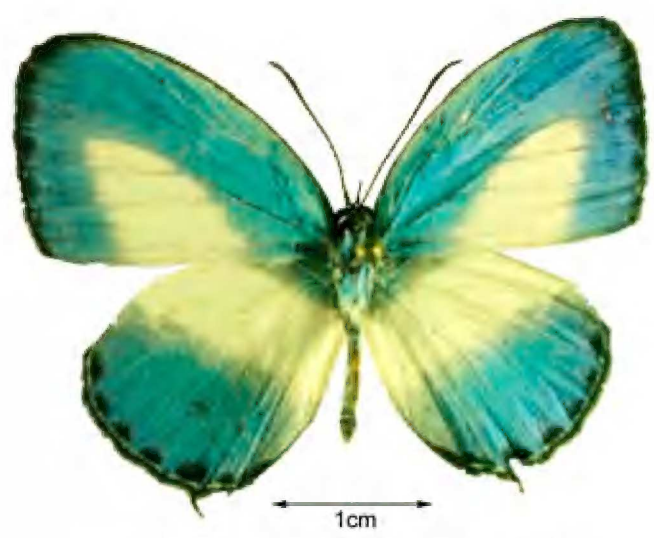
Danis danis (Cramer, 1775)
Polyommatinae, N=570
N/Several/L-H/HS=4/GD=2/na
na/0.188/0.239/M/na/L/22.0

Parthenos aspila Honrath, 1888
Limenitidinae, N=353
N/Several/L/HS=4/GD=1/na
na/0.009/0.121/N/N/B/45.2

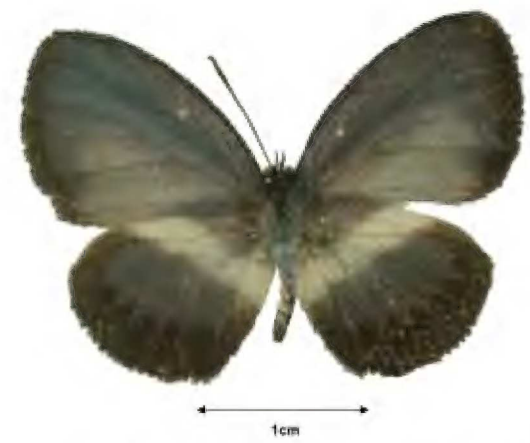


Danis glaucopis (Grose-Smith, 1894)
Polyommatinae, N =173
N/na/na/HS=na/GD=1/na
na/0.116/0.342/M/na/L/21.4

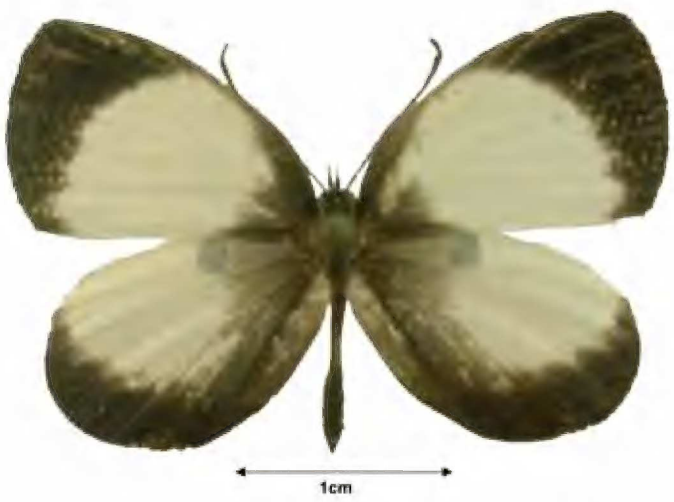
Papilio aegeus Donovan, 1805
Papilioninae, N=154
N/Rutaceae/T/HS=3/GD=2/na
na/0.695/0.705/M/N/W/58.2



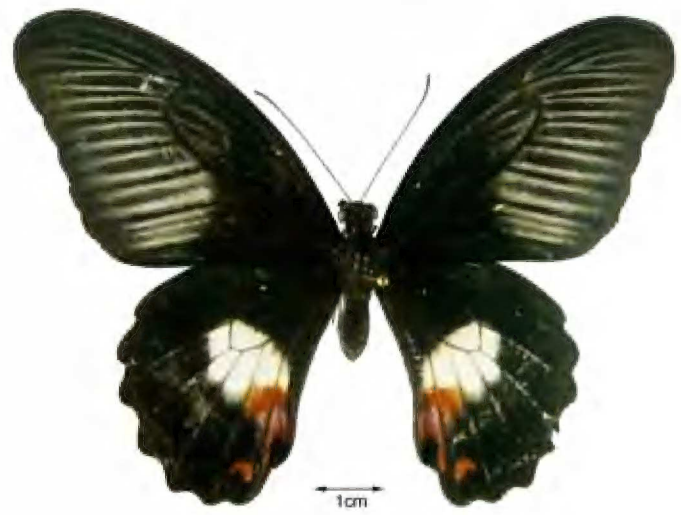
Jamides nemophila (Butler, 1876)
Polyommatinae, N=152
N/Fabaceae/L/HS=2/GD=1/na
na/0.004/0.04, 10am/M/A/L/15.4



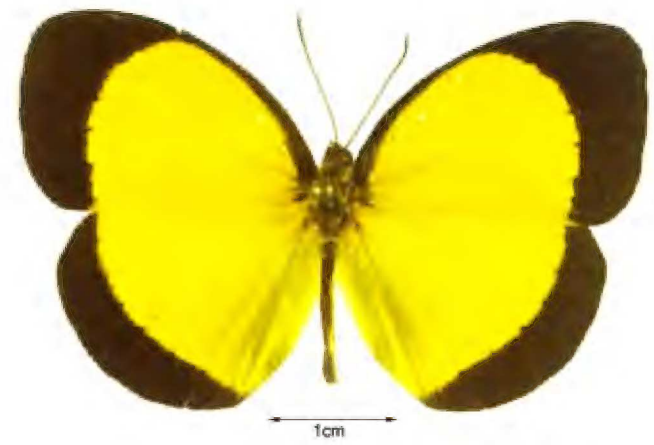
Danis regalis (Grose-Smith & Kirby, 1895)
Polyommatinae, N=101
N/na/na/HS=na/GD=1/na
na/0.337/0.460/M/na/L/14.6



Pithecops dionisius Boisduval, 1832
Polyommatinae, N=100
N/ Fabaceae/H/HS=2/GD=1/na
na/0.001/0.741/M/na/W/14.0

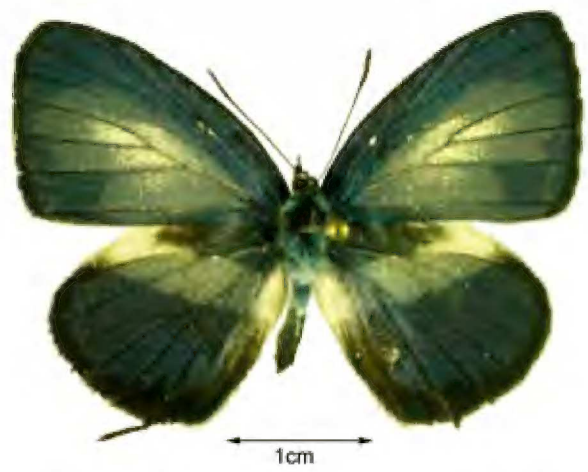


Papilio ambrax Boisduval, 1832
Papilioninae, N=99
N/ Rutaceae/T/HS=3/GD=2/na
na/0.001/0.011, 9am/M/N/W/45.8



Eurema puella (Boisduval, 1832)
Coliadinae, N=99
N/ PIER-04/Several/S-H/HS=4/GD=2/na
na/0.002/0.341/N/N/Y/24.2

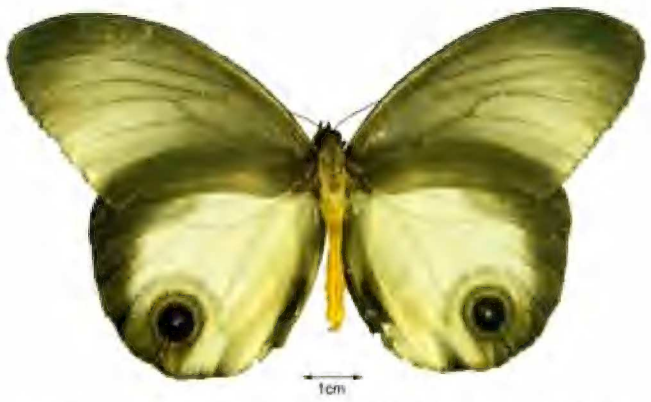
Elodina definita Joicey & Talbot 1916
Pierinae, N=83
N/na/na/HS=na/GD=1/na
na/0.001/0.361/N/N/W/24.2



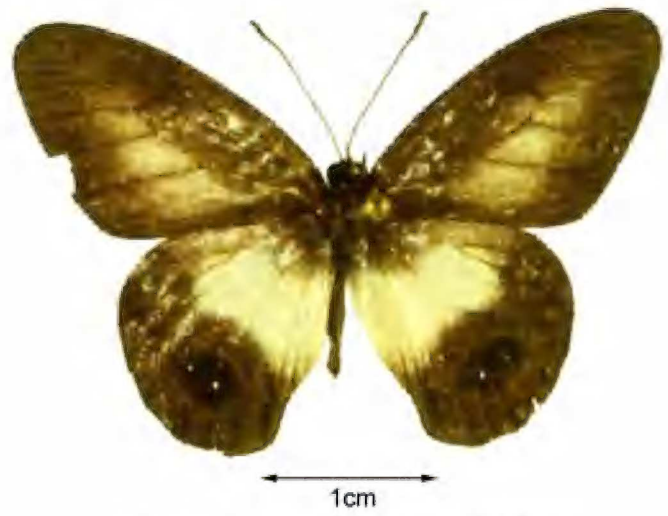
Nacaduba cyanea (Cramer, 1775)
Polyommatinae, N=67
N/Fabaceae/L/HS=1/GD=2/na
na/0.523/0.614/M/A/L/16.6

Euploea netscheri Snellen, 1889
Danainae, N=66
N/na/na/HS=na/GD=1/na
na/0.350/0.367/M/N/B/39.0

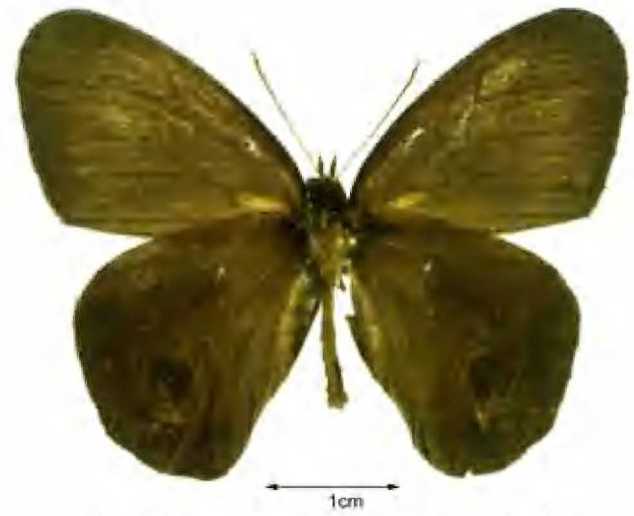
WAN-II



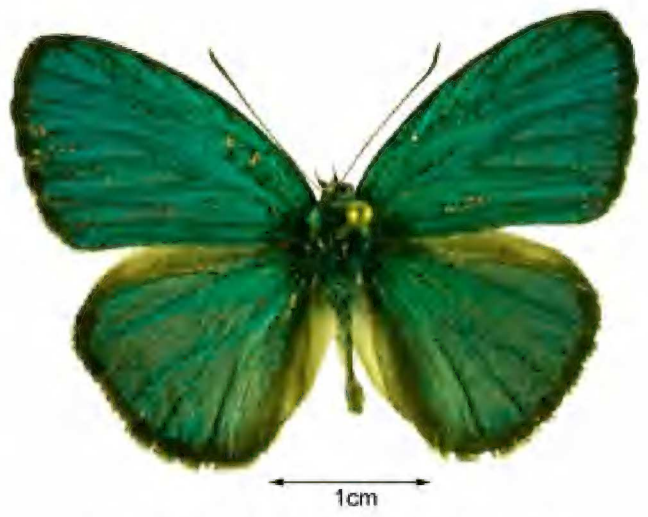
Taenaris myops (C. & R. Felder, 1860)
Satyrinae, N=65
F/Several/T-H/HS=4/GD=1/na
na/0.757/0.578/M/N/W/41.0



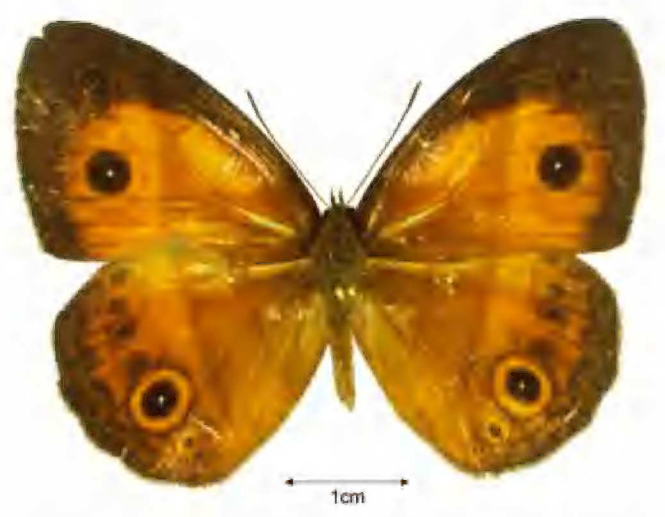
Hypocysta isis Fruhstorfer, 1894
Satyrinae, N=64
N/ Poaceae/H/HS=3/GD=1/na
na/0.001/0.189/N/N/W/16.7



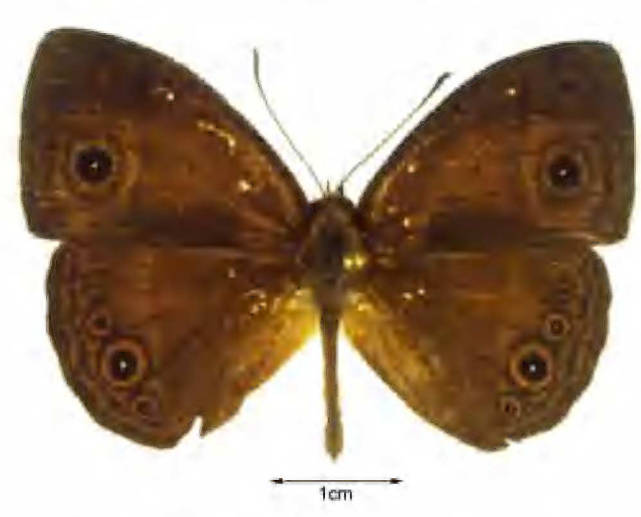
Harsiesis hygea (Hewitson, 1863)
Satyrinae, N=56
N/na/na/HS=na/GD=1/na
na/0.201/0.244/N/N/B/20.0



Candalides helenita (Semper, 1879)
Polyommatinae, N=55
N/Several/T/HS=4/GD=2/na
na/0.001/0.021, 12noon/N/na/L/16.8

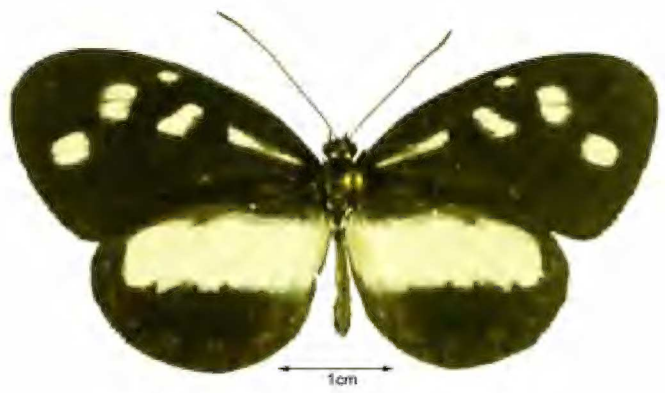


Mycalesis mehadeva (Boisduval, 1832)
Satyrinae, N=51
F/ Poaceae/H/HS=3/GD=1/na
na/0.001/0.257/N/N/B/22.0



Mycalesis phidon Hewitson, 1862
Satyrinae, N=49
F/ Poaceae/H/HS=3/GD=1/na
na/0.852/0.714/N/N/B/19.6

Cethosia cydippe (Linnaeus, 1767)
Heliconiinae, N=47
N/Passifloraceae/L/HS=3/GD=2/na
na/0.138/0.817/M/N/R/43.2



Tellervo nedusia (Geyer, 1832)
Danainae, N=36
N/Several/L/HS=4/GD=1/na
na/0.047/0.124/M/N/W/24.2